

FIG. 1

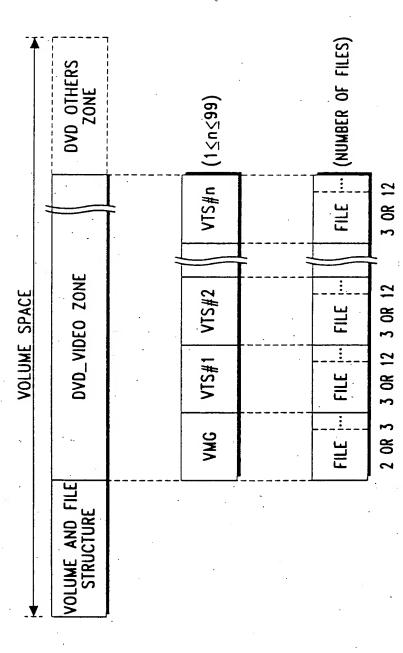


FIG. 2

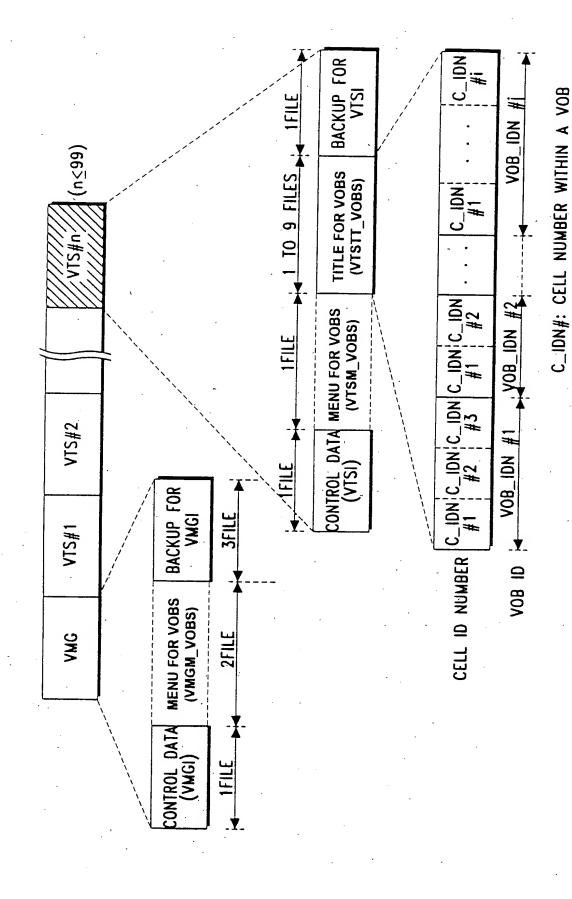


FIG. 3

VOB_IDN#: VOB ID NUMBER WITHIN A VOBS

VIDEO MANAGER INFORMATION MANAGEMENT TABLE (VMGL_MAT)	TITLE SEARCH POINTER TABLE (TT_SRPT)	VIDEO MANAGER MENU PGCI UNIT TABLE (VMGM_PGCI_UT)	PARENTAL MANAGEMENT INFORMATION TABLE (PTL_MAIT)	VIDEO TITLE SET ATTRIBUTE TABLE (VTS_ATRT)
VIDEO MANAGER	TITLE	VIDEO MANA	PARENTAL MAN	VIDEO TIT
VIDEO MANAGER INFORMATION (VMGI)	VIDEO OBJECT SET FOR VIDEO MANAGER MENU (VMGM_VOBS)	BACK UP OF VIDEO MANAGER INFORMATION (VMGI_BUP)	*	

VIDEO MANAGER MENU CELL ADDRESS TABLE
(VMGM_C_ADT)
VIDEO MANAGER MENU VIDEO OBJECT UNIT ADDRESS MAP
(VMGM_VOBU_ADMAP)

TEXT DATA MANAGER (TXTDI_MG)

FIG. 4

FIG. 5

VIDEO TITLE SET INFORMATION (VTSI)	VIDEO TITLE SET INFORMATION MANAGEMENT TABLE (VTSI_MAT)	ABLE
VIDEO OBJECT SET FOR VIDEO TITLE SET MENU (VTSM_VOBS)	VIDEO TITLE SET PART_OF_TITLE SEARCH POINTER TABLE (VTS_PTT_SRPT)	TABLE
VIDEO OBJECT SET FOR VIDEO TITLE SET TITLE (VISTI_VOBS)	VIDEO TITLE SET PROGRAM CHAIN INFORMATION TABLE (VTS_PGCIT)	ABLE
BACKUP OF VIDEO TITLE SET INFORMATION (VTSI_BUP)	VIDEO TITLE SET MENU PGCI UNIT TABLE (VTSM_PGCI_UT)	
	VIDEO TITLE SET TIME MAP TABLE (VTS_TMAPT)	•
	VIDEO TITLE SET MENU CELL ADDRESS TABLE (VTSM_C_ADT)	E E
	VIDEO TITLE SET MENU VIDEO OBJECT UNIT ADDRESS MAP (VTSM_VOBU_ADMAP)	MAP
	VIDEO TITLE SET CELL ADDRESS TABLE (VIS_C_ADT)	

VIDEO TITLE SET VIDEO OBJECT UNIT ADDRESS MAP (VTS_VOBU_ADMAP)

VTSI_MAT

000			NUMBER
RBP		CONȚENTS	OF BYTES
O TO 11	VTS_ID	VTS IDENTIFIER	12BYTES
12 TO 15	VTS_EA	END ADDRESS OF VTS	48YTES
16 TO 27	RESERVED	RESERVED	12BYTES
28 TO 31	VTSI_EA	END ADDRESS OF VTSI	4BYTES
32 TO 33	VERN	VERSION NUMBER OF DVD VIDEO SPECIFICATIO	N 2BYTES
34 TO 37	VTS_CAT	VTS CATEGORY	90BYTES
38 TO 127	RESERVED	RESERVED	4BYTES
128 TO 131	VTSI_MAT_EA	END ADDRESS OF VTSI_MAT	60BYTES
132 TO 191	RESERVED	RESERVED	4BYTES
192 TO 195	VTSM_VOBS_SA	START ADDRESS OF VTSM_VOBS	4BYTES
196 TO 199	VTSTT_VOBS_SA	START ADDRESS OF VTSTT_VOBS	4BYTES
200 TO 203	VTS_PTT_SRPT_SA	START ADDRESS OF VTS_PTT_SRPT -	4BYTES
204 TO 207	VTS_PGCIT_SA	START ADDRESS OF VTS_PGCIT	4BYTES
208 TO 211	VTSM_PGCI_UT_SA	START ADDRESS OF VTSM_PGCI_UT	4BYTES
212 TO 215	VTS_TMAPT_SA	START ADDRESS OF VTS_TMAPT	4BYTES
216 TO 219	VTSM_C_ADT_SA	START ADDRESS OF VTSM_C_ADT	4BYTES
220 TO 223	VTSM_VOBU_ADMAP_SA		
224 TO 227	VTS_C_ADT_SA	START ADDRESS OF VTS_C_ADT	4BYTES
228 TO 231	VTS_VOBU_ADMAP_SA	START ADDRESS OF VTS_VOBU_ADMAP	4BYTES
232 TO 255	RESERVED	RESERVED	24BYTES
256 TO 257	VTSM_V_ATR	VIDEO ATTRIBUTE OF VTSM	2BYTES
258 TO 259	VTSM_AST_Ns	NUMBER OF AUDIO STREAMS OF VTSM	2BYTES
260 TO 267	VTSM_AST_ATR	AUDIO STREAM ATTRIBUTE OF YTSM	8BYTES
268 TO 323	RESERVED	RESERVED	56BYTES
324 TO 339	RESERVED	RESERVED	16BYTES
340 TO 341	VTSM_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF VTS	
342 TO 347	VTSM_SPST_ATR	SUB-PICTURE STREAMS ATTRIBUTE TABLE OF VTS	
348 TO 511	RESERVED	RESERVED	164BYTES
512 TO 513	VTS_V_ATR	VIDEO ATTRIBUTE OF VTS	2BYTES
514 TO 515	VTS_AST_Ns	NUMBER OF AUDIO STREAMS OF VTS	2BYTES
516 TO 579	VTS_AST_ATRT	AUDIO STREAM ATTRIBUTE TABLE OF VT	
580 TO 595	RESERVED	RESERVED	16BYTES
	VTS_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF VTS	
598 TO 789	VTS_SPST_ATRT	SUB-PICTURE STREAMS ATTRIBUTE TABLE OF VTS	
790 TO 791	RESERVED	RESERVED	2BYTES
792 TO 983	VTS_MU_AST_ATRT	MULTICHANNEL AUDIO STREAMS ATTRIBUTE TABLE OF VI	
984 TO 1023		RESERVED	40BYTES
1024 TO 2047	RESERVED	RESERVED	1024BYTES

VTS_AST_ATRT

RBP	CONTENTS	NUMBER OF BYTES
516 TO 523	VTS_AST_ATR OF AUDIO STREAM #0	8BYTES
524 TO 531	VTS_AST_ATR OF AUDIO STREAM #1	8BYTES
532 TO 539	VTS_AST_ATR OF AUDIO STREAM #2	88YTES
540 TO 547	VTS_AST_ATR OF AUDIO STREAM #3	8BYTES
548 TO 555	VTS_AST_ATR OF AUDIO STREAM #4	8BYTES
556 TO 563	VTS_AST_ATR OF AUDIO STREAM #5	8BYTES
564 TO 571	VTS_AST_ATR OF AUDIO STREAM #6	8BYTES
572 TO 579	VTS_AST_ATR_OF AUDIO STREAM #7	8BYTES

FIG. 8A

VTS_AST_ATR

b63	b62	b61	b60	b59_	b58	b57	<u> 556</u>
AUDIO	CODING	MODE	MUTICHANNEL EXTENSION	AUDIO	TYPE		JDIO ION MODE
b55	b54	b53	b52	b51	b50	b49	b48
QUANTIZAT	ION/DRC		FS	RESERVED	NUMBER	OF AUDIO	CHANNELS
b47	b46	b45	b4 4	b43-	b42	b41	b40
		SPE	CIFIC CODE	(UPPER	BITS)		
ь39	b38	ь37	ь36	b35	b34	b33	ь32
		SPE	CIFIC CODE	(LOWER	BITS)		
b31	ь30	b29	b28	b27	b26	b25	b24
		RESE	RVED (FOR	SPECIFIC	CODE)		
b23	b22	b21	ь20	Ь19	ь18	ь17	ь16
		SF	PECIFIC COD	E EXTEN	SION		·
b15	b14	b13	b12	<u> </u>	b10	b9	b8
		.	RESE	RVED			
b7	b6	ь5_	b4	b3	b2_	<u>b1</u>	ь0
		AP	PLICATION	INFORM	ATION		

FIG. 8B

RBP	CONTENTS	NUMBER OF BYTES
792 TO 815	VTS_MU_AST_ATR OF AUDIO STREAM #0	24BYTES
816 TO 839	VTS_MU_AST_ATR OF AUDIO STREAM #1	248YTES
840 TO 863	VTS_MU_AST_ATR OF AUDIO STREAM #2	24BYTES
864 TO 887	VTS_MU_AST_ATR OF AUDIO STREAM #3	24BYTES
888 TO 911	VTS_MU_AST_ATR OF AUDIO STREAM #4	248YTES
912 TO 935	VTS_MU_AST_ATR OF AUDIO STREAM #5	24BYTES
936 TO 959	VTS_MU_AST_ATR OF AUDIO STREAM #6	24BYTES
960 TO 983	VTS_MU_AST_ATR OF AUDIO STREAM #7	24BYTES
	TOTAL	192BYTES

FIG. 9A

VTS_MU_AST_ATR(1)

ь191	ь190	b189	ь188	b187 b186 b185 b184	<u> </u>
AUDIO MIXE	D FLAG	ACHO MIX	C-MODE	AUDIO CHANNEL CONTENTS	
b183	ь182	b181	ь180	b179 b178 b177 b176	
AUDIO MIXE	D FLAG	ACH1 MIX	MODE	AUDIO CHANNEL CONTENTS	Ì
b175	b174	ь173	b172	b171 b170 b169 b168	
AUDIO MIXIN	G PHASE	ACH2 MIX	MODE	AUDIO CHANNEL CONTENTS	
b167	b166	b165	b164	b163 b162 b161 b160)
AUDIO MIXIN	G PHASE	ACH3 MIX	MODE	AUDIO CHANNEL CONTENTS	
b159	ь158	b157	b156	b155 b154 b153 b152	
AUDIO MIXIN	G PHASE	ACH4 MIX	MODE	AUDIO CHANNEL CONTENTS	
b151	b150	b149	b148	b147 b146 b145 b144	
AUDIO MIXIN	G PHASE	ACH5 MIX	MODE	AUDIO CHANNEL CONTENTS	
b143	b142	b141	b140	b139 b138 b137 b136	
AUDIO MIXIN	G PHASE	ACH6 MIX	MODE	- AUDIO CHANNEL CONTENTS	
b135	Ь134	b133	b132	b131 b130 b129 b128	
AUDIO MIXIN	G PHASE	ACH7 MIX	MODE	AUDIO CHANNEL CONTENTS	

FIG. 9B

VTS_MU_AST_ATR(2)

				_	\ - /		
<u>b127</u>	b126	b125	b124	Ь123	b122	Ь121	b120
			. α	0			
b119	b118	b117	b116	b115	b114	b113	h112
5115	0110	<u> </u>		0	<u> </u>	0113	<u>b112</u>
			P				
b111	b110	b109	<u>5108</u>	b107	b106	b105	b104
			α	1			
b103	b102	b101	b100	ь99	ь98	b97	b96
			β				
b95	b94	Ь93	b92	ь91	ь90	ь89	b88
			ā				
b87	b86	b85	b84	ь83	b82	b81	ь80
			β	2			
ь79	b78	b77	b76	b75	b74	b73	b72
	=		α	3	. (
Ь71	b70	b69	b68	b67	b66	_b65	b64
			β	3			
b63	b62	b61	b60	b59	b58	b57	b56
			α	4			
b55	b54	b53	b52	b51	ხ50	b49	b48
			β	4		•	
							

FIG. 9C

<u>b47</u>	b46	b45	b44	b43	b42	b41	<u>b40</u>
			α	5			
b39	b38	ь37	b36	b35	b34	b33	b32
			β	5			
b31	ь30	ь29	b28	b27	ь26	b25	b24
	4.50		α	6			,
b23	b22	b21	b20	b1.9	b18	b17	b16
			β	6			
b15	b4	b13	b12	b11	b10	b9	b8
			α	7			
b7	b6	b5	b4	b3	b2	ь1	ь0
		•	β	7			

FIG. 9D

FIG. 10

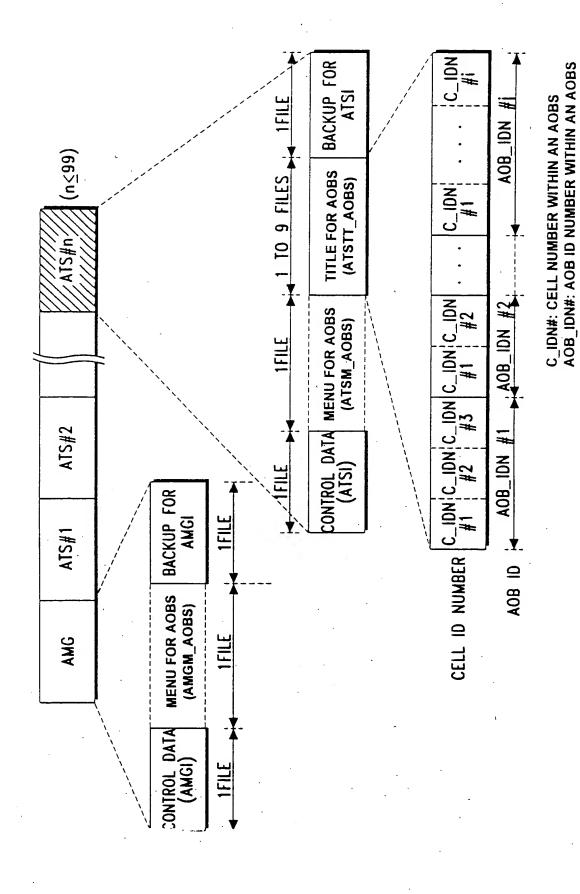


FIG. 11

щ			<u> </u>			
AUDIO MANAGER INFORMATION MANAGEMENT TABLE (AMGI_MAT)	TITLE SEARCH POINTER TABLE (TT_SRPT)	AUDIO MANAGER MENU PGCI UNIT TABLE (AMGM_PGCI_UT)	PARENTAL MANAGEMENT INFORMATION TABLE (PTL_MAIT)	AUDIO TITLE SET ATTRIBUTE TABLE (ATS_ATRT)	TEXT DATA MANAGER (TXTDT_MG)	AUDIO MANAGER MENU CELL ADDRESS TABLE (AMGM_C_ADT)
AUDIO MANAGER INFORMATION (AMGI)	AUDIO OBJECT SET FOR VIDEO MANAGER MENU (VMGM_VOBS)	BACK UP OF AUDIO MANAGER INFORMATION (AMGL_BUP)				

FIG. 12

AUDIO MANAGER MENU AUDIO OBJECT UNIT ADDRESS MAP (AMGM_AOBU_ADMAP)

	,	
AUDIO MANAGER INFORMATION MANAGEMENT TABLE (AMGI_MAT)		TITLE SEARCH POINTER TABLE INFORMATION (TT_SRPTI)
TITLE SEARCH POINTER TABLE (TT_SRPT)		TITLE SEARCH POINTER FOR TITLE #1 (TT_SRP #1)
AUDIO MANAGER MENU PGCI UNIT TABLE (AMGM_PGCI_UT)		TITLE SEARCH POINTER FOR TITLE #2 (TT_SRP #2)
PARENTAL MANAGEMENT INFORMATION TABLE (PTL_MAIT)		
AUDIO TITLE SET ATTRIBUTE TABLE (ATS_ATRT)		TITLE SEARCH POINTER FOR TITLE #n (TT_SRP#n)
TEXT DATA MANAGER (TXTDT_MG)		
AUDIO MANAGER MENU CELL ADDRESS TABLE (AMGM_C_ADT)		
AUDIO MANAGER MENU AUDIO OBJECT UNIT ADDRESS MAP (AMGM_AOBU_ADMAP)		

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FIG. 13

AUDIO TITLE SET INFORMATION (ATSI)	AUDIO OBJECT SET FOR AUDIO TITLE SET MENU (ATSM_AOBS)	AUDIO OBJECT SET FOR AUDIO TITLE SET TITLE (ATSTT_AOBS)	BACKUP OF AUDIO TITLE SET INFORMATION (ATSI_BUP)

≪ :	AUDIO TITLE SET INFORMATION MANAGEMENT TABLE (ATSI_MAT)
₹	AUDIO TITLE SET PART_OF_TITLE SEARCH POINTER TABLE (ATS_PTT_SRPT)
⋖	AUDIO TITLE SET PROGRAM CHAIN INFORMATION TABLE (ATS_PGCIT)
	AUDIO TITLE SET MENU PGCI UNIT TABLE (ATSM_PGCI_UT)
	AUDIO TITLE SET TIME WAP TABLE (ATS_TWAPT)
	AUDIO TITLE SET MENU CELL ADDRESS TABLE (ATSM_C_ADT)
₹	AUDIO TITLE SET MENU AUDIO OBJECT UNIT ADDRESS MAP (ATSM_AOBU_ADMAP)
	AUDIO TITLE SET CELL ADDRESS TABLE (ATS_C_ADT)
-	AUDIO TITLE SETAUDIO OBJECT UNIT ADDRESS MAP (ATS_AOBU_ADMAP)

FIG. 14

ATSI_MAT

RBP		CONTENTS	NUMBER
			OF BYTES
O TO 11	ATS_ID	ATS IDENTIFIER	12BYTES
12 TO 15	ATS_EA	END ADDRESS OF ATS	4BYTES
16 TO 27	RESERVED	RESERVED	12BYTES
28 TO 31	ATSI_EA	END ADDRESS OF ATSI	48YTES
32 TO 33	VERN	VERSION NUMBER OF DVD VIDEO SPECIFICATION	2BYTES
34 TO 37	ATS_CAT	ATS CATEGORY	90BYTES
38 TO 127	RESERVED	RESERVED	48YTES
128 TO 131	ATSI_MAT_EA	END ADDRESS OF ATSI_MAT	60BYTES
132 TO 191	RESERVED	RESERVED	48YTES
192 TO 195	ATSM_VOBS_SA	START ADDRESS OF ATSM_AOBS	48YTES
196 TO 199	ATSTT_VOBS_SA	START ADDRESS OF ATSTT_AOBS	4BYTES
200 TO 203	ATS_PTT_SRPT_SA	START ADDRESS OF ATS_PTT_SRPT	4BYTES
204 TO 207	ATS_PGCIT_SA	START ADDRESS OF ATS_PGCIT	4BYTES
208 TO 211	ATSM_PGCI_UT_SA	START ADDRESS OF ATSM_PGCI_UT	48YTES
212 TO 215	ATS_TMAPT_SA	START ADDRESS OF ATS_TMAPT	48YTES
216 TO 219	ATSM_C_ADT_SA	START ADDRESS OF ATSM_C_ADT.	48YTES
220 TO 223	ATSM_VOBU_ADMAP_SA		4BYTES
224 TO 227	ATS_C_ADT_SA	START ADDRESS OF ATS_C_ADT	4BYTES
228 TO 231	ATS_VOBU_ADMAP_SA	START ADDRESS OF ATS_AOBU_ADMAP	4BYTES
232 TO 255	RESERVED	RESERVED	248YTES
256 TO 257	ATSM_V_ATR	VIDEO ATTRIBUTE OF ATSM	2BYTES
258 TO 259	ATSM_AST_Ns	NUMBER OF AUDIO STREAMS OF ATSM	2BYTES
260 TO 267	ATSM_AST_ATR	AUDIO STREAM ATTRIBUTE OF ATSM	8BYTES
268 TO 323	RESERVED	RESERVED	56BYTES
324 TO 339	RESERVED	RESERVED	16BYTES
340 TO 341 -	ATSM_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF ATSM	2BYTES
342 TO 347	ATSM_SPST_ATR	SUB-PICTURE STREAMS ATTRIBUTE TABLE OF ATSM	6BYTES
348 TO 511	RESERVED	RESERVED	164BYTES
512 TO 513	ATS_V_ATR	VIDEO ATTRIBUTE OF ATS	2BYTES
514 TO 515	ATS_AST_Ns	NUMBER OF AUDIO STREAMS OF ATS	2BYTES
516 TO 579	ATS_AST_ATR	AUDIO STREAM ATTRIBUTE TABLE OF ATS	64BYTES
580 TO 595	RESERVED	RESERVED	16BYTES
596 TO 597	ATS_SPST_Ns	NUMBER OF SUB-PICTURE STREAMS OF ATS	
598 TO 789	ATS_SPST_ATRT	SUB-PICTURE STREAMS ATTRIBUTE TABLE OF ATS	192BYTES
790 TO 791	RESERVED	RESERVED	2BYTES
792 TO 1298	ATS_MU_AST_ATRT	MULTICHANNEL AUDIO STREAMS ATTRIBUTE TABLE OF ATS	
1299 TO 1299	RESERVED	RESERVED	749BYTES

FIG. 15

ATSM_AST_ATR

<u> </u>	b62	b61	ь60	ь59	b58	b57	<u> </u>	
AUD	O CODING	MODE	RESERVED	RESE	RVED	RESE	RVED	
b55	b54	b53	b52	b51	b50	b49	b48	
QUANTI	ZATION/DRC	,	F\$. · ·	NUM	BER OF A	VUDIO CH		
b47	b46	b45	b44	b43	b42	b41	b40	
			RESE	RVED				
<u>b39</u>	b38	b37	b36	b35	b34	b33	b32	
			RESE	RVED				
<u>b31</u>	b30	b29	b28	b27	b26	b25	b24	
			RESE	RVED				
b23	ь22	b21	b20	b19	b18	b17	b16	
	RESERVED							
<u>b15</u>	b14	b13	b12	b11	ь10	ь9	b8	
	RESERVED							
<u>b7</u>	ь6	ь5	b4	ь3	b2	b 1	ьо	
			RESE	RVED				

FIG. 16

ATS_AST_ATRT

RBP	CONTENTS	NUMBER OF BYTES
516 TO 523	ATS_AST_ATR OF AUDIO STREAM #0	8BYTES
524 TO 531	ATS_AST_ATR OF AUDIO STREAM #1	8BYTES
532 TO 539	ATS_AST_ATR OF AUDIO STREAM #2	8BYTES
540 TO 547	ATS_AST_ATR OF AUDIO STREAM #3	8BYTES
548 TO 555	ATS_AST_ATR OF AUDIO STREAM #4	88YTES
556 TO 563	ATS_AST_ATR OF AUDIO STREAM #5	88YTES
564 TO 571	ATS_AST_ATR OF AUDIO STREAM #6	8BYTES
572 TO 579	ATS_AST_ATR OF AUDIO STREAM #7	8BYTES

FIG. 17A

ATS_AST_ATR

b63	b62	b61	ь60	b59	b58	b57	<u> </u>
AUDIO	CODING		MUTICHANNEL EXTENSION	AUDIO	TYPE		JDIO TION MODE
b55	b54	ь53	b52	b51	b50	b49	b48
QUANTIZAT	ION/DRC		FS:	NUI	MBER OF		
b47	b46	b45	b44	b43	b 4 2	b41	b40
		SPEC	CIFIC CODE	(UPPER	BITS)		-
b39	b38	b37	b36	b35	b34	b33	b32
. ,		SPEC	CIFIC CODE	(LOWER	BITS)		*
b31	ь30	ь29	b28	b27	b26	b25	b24
,		RESER	VED (FOR	SPECIFIC	CODE)		
b23	b22	b21	b20	b19	ь18	ь17	b16
		SP	CIFIC CODI	E EXTENS	SION		
b15	b14	b13	b12	b11	ь10	ь9	ь8
		72-5	RESER	RVED			
ь7		b5	b4	ь3	b2	<u> b1</u>	ьо
		APP	LICATION I	NFORMA	ATION		

FIG. 17B

RBP	CONTENTS	NUMBER
700 70 970	ATC AUL ACT ATD OF AUDIO STDEAM HO	OF BYTES
792 TO 830	ATS_MU_AST_ATR OF AUDIO STREAM #0	39BYTES
831 TO 869	ATS_MU_AST_ATR OF AUDIO STREAM #1	39BYTES
870 TO 908	ATS_MU_AST_ATR OF AUDIO STREAM #2	39BYTES
909 TO 947	ATS_MU_AST_ATR OF AUDIO STREAM #3	39BYTES
948 TO 986	ATS_MU_AST_ATR OF AUDIO STREAM #4	39BYTES
987 TO 1025	ATS_MU_AST_ATR OF AUDIO STREAM #5	39BYTES
1026 TO 1064	ATS_MU_AST_ATR OF AUDIO STREAM #6	39BYTES
1065 TO 1103	ATS_MU_AST_ATR OF AUDIO STREAM #7	39BYTES
1104 TO 1142	ATS_MU_AST_ATR OF AUDIO STREAM #8	39BYTES_
1143 TO 1181	ATS_MU_AST_ATR OF AUDIO STREAM #9	39BYTES_
1182 TO 1220	ATS_MU_AST_ATR OF AUDIO STREAM #10	39BYTES
1221 TO 1259	ATS_MU_AST_ATR OF AUDIO STREAM #11	39BYTES
1260 TO 1298	ATS_MU_AST_ATR OF AUDIO STREAM #12	39BYTES
	TOTAL	507BYTES

FIG. 18A

ATS_MU_AST_ATR_EXT(1)

b3	9 b	38	b37		b36	b35	b34	ь33	b32
AUDIO	MIXED	FLAG	ACH8	MIX	MODE	AUDIO	CHANNEL	CONTENT	rs
b3	1 b	30	ь29		b28	b27	b26	b25	b24
AUDIO	MIXED	FLAG	ACH9	MIX	MODE	AUDIO	CHANNEL	CONTENT	rs .
b2	3 b	22	b21	-	b20	b19	b18	b17	b16
AUDIO	MIXED	FLAG	ACH10	MIX	MODE	AUDIO	CHANNEL	CONTENT	S
b1	5 b	14	b13		b12	b11	Ь10	b9	b8
AUDIO	MIXED	FLAG	ACH11	MIX	MODE	AUDIO	CHANNEL	CONTENT	S
b7	' t	56	b5		b4	b3	b2	b1	ь0
AUDIO	MIXED	FLAG	ACH12	MIX	MODE	AUDIO	CHANNEL	CONTENT	'S

FIG. 18B

ATS_MU_AST_ATR_EXT(2)

ь79	ь78	b77	b76	b75	b74	ь73	ь72		
	α8								
<u>b71</u>	Ь70	b69	b68	b67	b66	b65	b64		
			β	8					
b63	b62_	b61	b60	b59	b58	b57	b56		
			α	9					
b55	b54	b53	b52	b51	b50	b49	b48		
			β	9					
<u>b47</u>	b46	b45	b44	b43	b42	b41	b40		
			α	10					
ь39	b38	ь37	b36	b35	ь34	b33	ь32		
		·	β	10					
<u>b31</u>	ь30	ь29	b28	b27	b26	b25	b24		
			α	11		· · · · · · · · · · · · · · · · · · ·			
<u> </u>	b22	b21	b20	ь19	b18	ь17	b16		
	٠.		β	11					
<u> </u>	b14	ь13	b12	b11	ь10	b9	b8		
			α	12					
b 7	b6	b5	b4	b3	b2	b1	ь0		
·			β	12					

FIG. 18C

AUDIO OBJECT SET(AOBS) AUDIO OBJECT AUDIO OBJECT (AOB_IDN1) (AOB_IDN2) ... AUDIO OBJECT (AOB_IDN1) CELL (AOB_IDN1) (AOB_IDN2) ... CELL (AOB_IDN1) AUDIO OBJECT UNIT AUDIO OBJECT UNIT AUDIO OBJECT UNIT (AOBU) ... AUDIO

FIG. 19

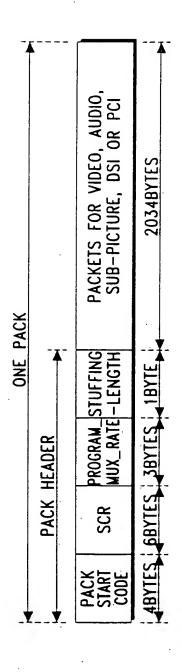


FIG. 20

A_PKT FOR LINEAR PCM	FING AUDIO AUDIO DATA(LINEAR PCM) ATIONINFORMATION	14BYTES: +1 1BYTE 3BYTES 3BYTES 1BYTE OR WORE, AND 2013 BYTES OR LESS
<u>-</u> ¥-	PACK PACKET SUB STUFFING AUDIO HEADER HEADER STREAM ID FRAME DATA INFORMATION INFORMATION	4BYTES: •1 1BYTE 3

FIG. 21A

-	·		
×	A_PKT FOR DOLBY AC-3	AUDIO DATA (DOLBY AC-3)	1BYTE OR MORE, AND 2016 BYTES OR LESS
ONE PACK	A PKT	PACK PACKET SUB AUDIO HEADER HEADER STREAM_IDINFORWATION	48YTES •1 18YTE 38YTES
1			¥

FIG. 21B

FIG. 21C

		MAIN AUDIO FRAME#i+1	·	A	MAIN AUDIO FRAME#i+2	
		PACKET HEADER	- •	-	PACKET HEADER F	=
		EXTENSION AUDIO FRAME#I	BYTE OR MORE, AND 1584BYTES OR LESS!		EXTENSION AUDIO FRAME#i+1	Y -
A_PCK#n	- T -	PACKET HEADER	~	A_PCK#n	PACKET E HEADER F	
	A PKT FOR MPEG	MAIN AUDIO FRAME#i	BYTE OR MORE, AND 1152BYTES OR LESS!	A	MAIN AUDIO FRAME#i	
-	A PKT	PACKET HEADER	==		PACKET HEADER	
	-¥-	PACK HEADER	14BYTES		PACK HEADER	4BYTES

FIG. 21D

FIG. 22

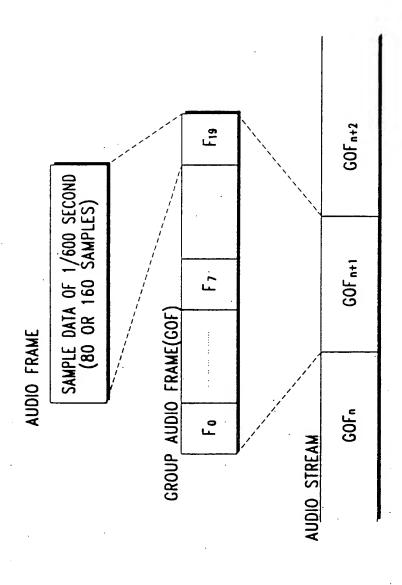


FIG. 23

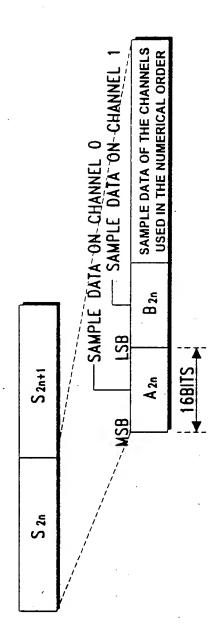


FIG. 24A

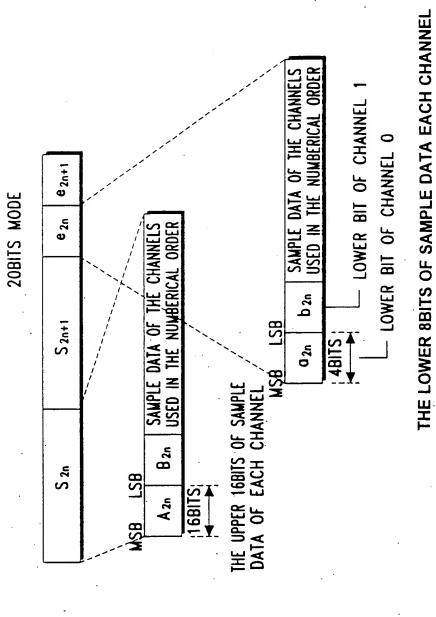
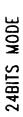
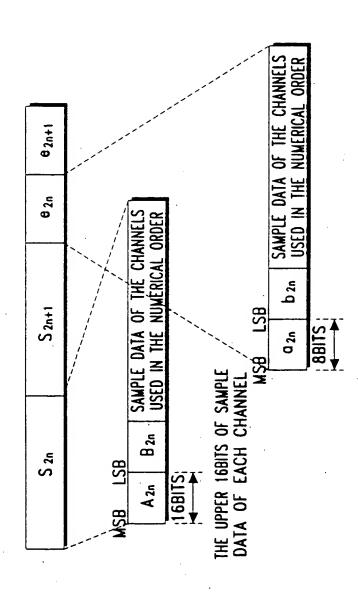


FIG. 24B





THE LOWER 8BITS OF SAMPLE DATA EACH CHANNEL

FIG. 24C

AUDIO PACK(LINEAR PCM)

ONE PACK	A_PKT FOR LINEAR PCM	PACK PACKET SUB AUDIO AUDIO AUDIO DATA (LINEAR PCM) HEADER STREAM ID INFORMATION
		PACKET S HEADER STR
		PACK HEADER

FIG. 25

AUDIO PACK(CODED DATA)

ONE PACK	AUDIO PACKET FOR PSEUDO-LOSSLESS PSYCHOACOUSTIC CODED DATA	AUDIO FREAM AUDIO DATA (CODED DATA)
NO		SUB STREAM_ID
	AUDIO PA	PACK PACKET
		PACK HEADER

FIG. 26

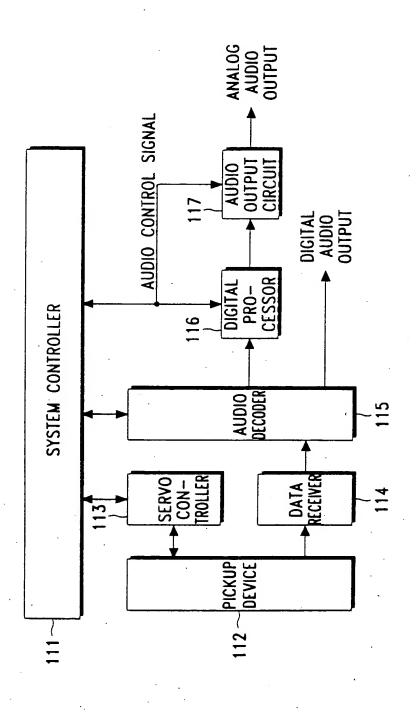


FIG. 27

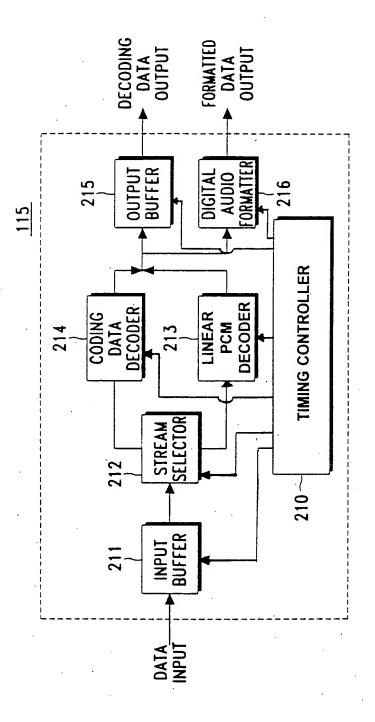


FIG. 28

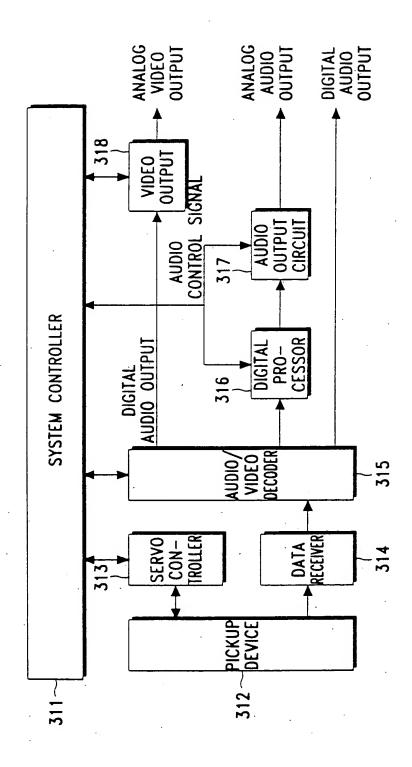


FIG. 29

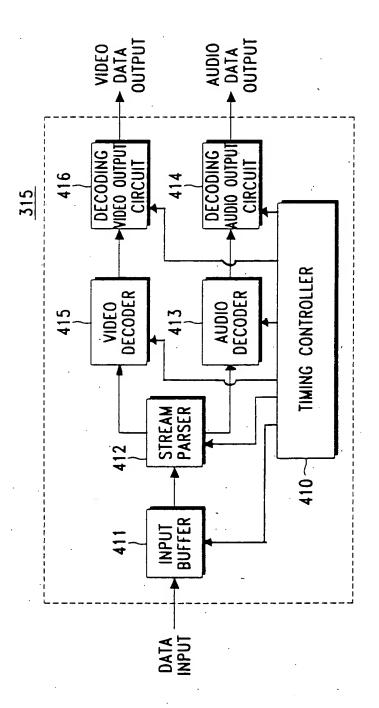
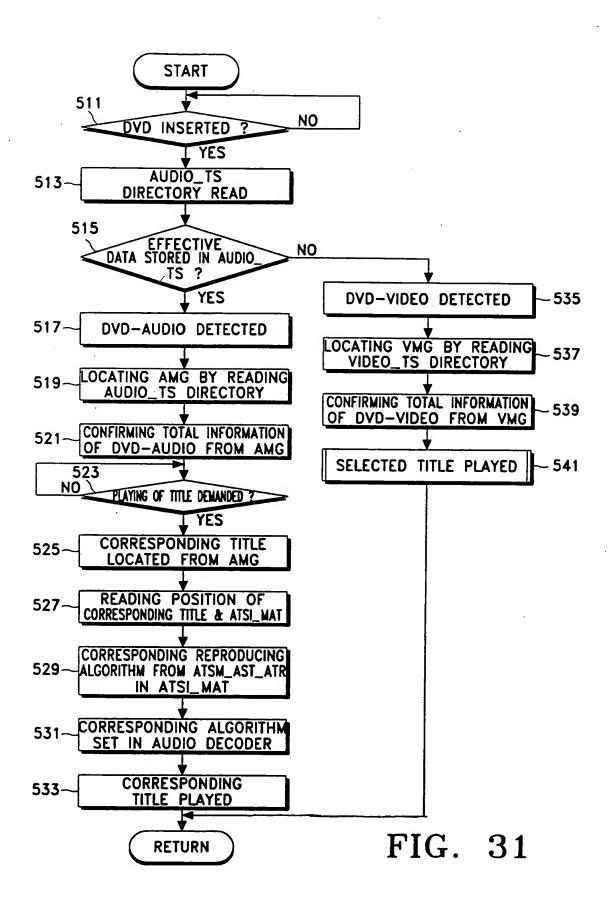


FIG. 30



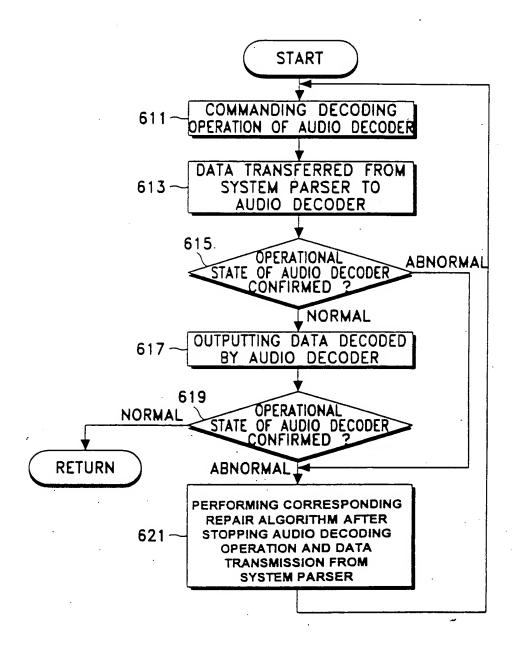


FIG. 32